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The Chekroun reflector has its primary application as a transponder in a communication system and has no aim to solve the problem which the present invention solves, that is, to deceive Doppler radar systems. The word Doppler is not even mentioned a single time throughout the entire Chekroun description. When used in a decoy device according to Figures 9, 10 and 11, several reflectors (R_1 , R_2 , R_3) are used in blinking and cross-eye jamming against a missile target seeker not using Doppler shifts.

The way the modulation of the reflection is used in Chekroun is also different. Chekroun uses a continuously adjustable change in the properties of the reflector caused by a change in the level of current. In the present invention, the switching elements are just switching elements that either connect the lines in the crossing points or disconnect them. The check pattern of lines is in either one of two distinct states, there is no in-between.

The Chekroun patent says that his reflector is transparent when the current level is significantly different from zero and reflects when the current level is substantially zero. The decoy of the present invention reflects when current flows in the pattern of lines and is transparent when no current flows, exactly the opposite.

One further difference is that the Chekroun reflector, due to the way that it works, is compelled to use three surfaces with varying reflectivity. The present invention works well with just one surface that can change between two different states.

The underlying fact creating all these differences is that the Chekroun device is not designed to deceive Doppler radar systems and consequently does not create false Doppler shifts. On the other hand, this is exactly what the present invention is designed to do.

The present invention as claimed in new claim 10 is therefore new. Further, the problem solved by the invention is not even discussed in Chekroun. Hence, the present invention cannot be regarded as obvious as compared with the disclosure in Chekroun.

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New claim 10 gives a detailed definition of a decoy for deceiving Doppler radar systems by creation of Doppler sidebands and therefore is patentable. The remaining claims describe advantageous embodiments of the invention according to claim 10 and therefore are patentable as dependent claims.

In view of the foregoing, favorable reconsideration of the Examiner's rejections in this case is requested with a view toward an early Notice of Allowability. Should the Examiner have any questions, he is invited to contact the undersigned by telephone.

The Commissioner is hereby authorized to charge any fees due in connection with the present Amendment to Deposit Account 06-1358.

Respectfully submitted,

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